

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

APR 12 2004

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Sheet

of

4

Attorney Docket Number

21366

COMPLETE IF KNOWN**Application Number**

10/645,883

Filing Date

August 21, 2003

First Named Inventor

Emini, Emilio A. et al.

Group Art Unit

1644

Examiner Name

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office	Number	Kind Code (if known)		
TMB		WO	04/18627		Merck & Co., Inc.	03/04/2004
TMB		WO	03/104467		Crucell Holland B.V.	12/18/2003
TMB		WO	00/70071		Introgene B.V.	11/23/2000
TMB		WO	98/53087		Cornell Research Foundation, Inc.	11/26/1998
TMB		WO	02/22080		Merck & Co., Inc.	03/21/2002
TMB		WO	01/02607		Merck & Co., Inc.	01/11/2001
TMB		WO	01/45748		Merck & Co., Inc.	06/28/2001
TMB		WO	01/43693		Merck & Co., Inc.	06/21/2001
TMB		WO	98/34640		Merck & Co., Inc.	08/13/1998
TMB		WO	97/48370		Merck & Co., Inc.	12/24/1997

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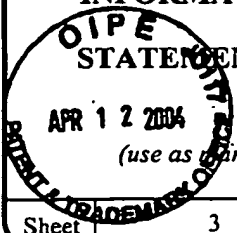
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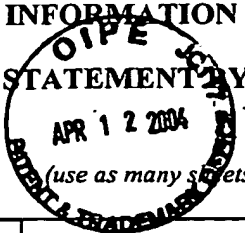
NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
TMB		ATCC No. VR-1102AS/RB
TMB		ATCC No. VR-1102PI/RB
TMB		ATCC No. VR-259
TMB		Pereira, H. et al. "A Short Description of the Adenovirus Group", Virology, 1963, Vol. 20, pp. 613-620
TMB		Takeuchi, S. et al. "Adenovirus Strains of Subgenus D Associated with Nosocomial Infection as New Etiological Agents of Epidemic Keratoconjunctivitis in Japan", Journal of Clinical Microbiology, 1999, Vol. 37, pp. 3392-3394
TMB		Abrahamsen, K. et al. "Construction of an Adenovirus Type 7a E1A-Vector", Journal of Virology, 1997, Vol. 71, pp. 8946-8951
TMB		Bell, S. et al. "Adenoviruses Isolated From Saudi Arabia Six New Serotypes", American Journal of Tropical Medicine and Hygiene, 1960, Vol. 9, pp. 523-526
TMB		Brody, S. et al. "Adenovirus-Mediated in Vivo Gene Transfer", Annals of the New York Academy of Sciences, 1994, Vol. 716, pp. 90-101
TMB		De Jong, J. et al. "Adenoviruses from Human Immunodeficiency Virus-Infected Individuals, Including Two Strains That Represent New Candidate Serotypes Ad50 and Ad51 of Species B1 and D, Respectively", Journal of Clinical Microbiology, 1999, Vol. 37, pp. 3940-3945
TMB		Hierholzer, J. et al. "Adenoviruses from Patients with AIDS: A Plethora of Serotypes and A Description of Five New Serotypes of Subgenus D (Types 43-47)", The Journal of Infectious Diseases, 1988, Vol. 158, pp. 804-813
TMB		Hierholzer, J. et al. "Antigenic relationships among the 47 human adenoviruses determined in reference horse antisera", Archives of Virology, 1991, Vol. 121, pp. 179-197
TMB		Hitt, M. et al. "Human Adenovirus Vectors for Gene Transfer into Mammalian Cells", Advances in Pharmacology, 1997, Vol. 40, pp. 137-206
TMB		Home, R. et al. "The Icosahedral Form of an Adenovirus", Journal of Molecular Biology, 1959, Vol. 1, pp. 84-86
TMB		Horwitz, M. "Adenoviridae and Their Replication", Virology, Chapter 60, Second Edition, 1990, pp. 1679-1721
TMB		Ma, Y. et al. "Structure, Function, and Evolution of Adenovirus-Associated RNA: a Phylogenetic Approach", Journal of Virology, 1996, Vol. 70, pp. 5083-5099

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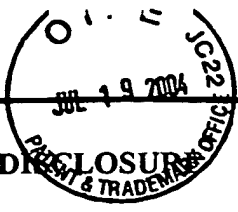
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NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
TMB		Myers, G. et al. "Human Retroviruses and AIDS 1995 : A compilation and Analysis of Nucleic Acid and Amino Acid Sequences", 1995, Part II, A3-A19
TMB		Schnurr, D. et al. "Two New Candidate Adenovirus Serotypes", Intervirology, 1993, Vol. 36, pp. 79-83
TMB		Straus, S. "Adenovirus Infections in Humans", The Adenoviruses, 1984, pp. 451-498
TMB		Wadell, G. et al. "Genetic Variability of Adenoviruses", Annals of the New York Academy of Sciences, 1980, Vol. 354, pp. 16-42
TMB		Wadell, G. "Molecular Epidemiology of Human Adenoviruses", Current Topics in Microbiology and Immunology, 1984, Vol. 110, pp. 191-220
TMB		GenBank Accession No. AB023553, December 11, 1999
TMB		GenBank Accession No. U52544, May 19, 1996
TMB		GenBank Accession No. AF108105, March 15, 1999

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
TMB		Barnett S. et al. "Prime-Boost Immunization Strategies against HIV", AIDS Research and Human Retroviruses, 1998, Vol. 14, Suppl. 3, pp. S-299-S-309
TMB		Goossens, P. et al. "Infection Efficiency of Type 5 Adenoviral Vectors in Synovial Tissue Can Be Enhanced With a Type 16 Fiber", Arthritis & Rheumatism, 2001, Vol. 44, pp. 570-577
TMB		Dewar, R. et al. "Synthesis and Processing of Human Immunodeficiency Virus Type 1 Envelope Proteins Encoded by a Recombinant Human Adenovirus", Journal of Virology, 1989, Vol. 63, pp. 129-136
TMB		Fitzgerald, J. et al. "A Simian Replication-Defective Adenoviral Recombinant Vaccine to HIV-1 Gag", The Journal of Immunology, 2003, Vol. 170, pp. 1416-1422
TMB		Amara, R. et al. "Critical Role for Env as well as Gag-Pol in Control of a Simian-Human Immunodeficiency Virus 89.6P Challenge by a DNA Prime/Recombinant Modified Vaccinia Virus Ankara Vaccine", Journal of Virology, 2002, Vol. 76, pp. 6138-6146
TMB		Messmer, D. et al. "Endogenously Expressed nef Uncouples Cytokine and Chemokine Production from Membrane Phenotypic Maturation in Dendritic Cells", The Journal of Immunology, 2002, Vol. 169, pp. 4172-4182
TMD		Zhou, H. et al. "Development of a Complementing Cell Line and a System for Construction of Adenovirus Vectors with E1 and E2a Deleted", Journal of Virology, 1996, Vol. 70, pp. 7030-7038

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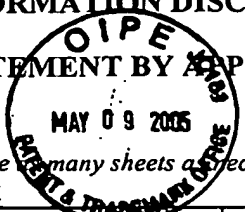
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NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
TMB		Mizuguchi, H. et al. "Approaches for generating recombinant adenovirus vectors", Advanced Drug Delivery Reviews, 2001, Vol. 52, pp. 165-176
TMB		Harris, J. et al. "Acute regression of advanced and retardation of early aortic atheroma in immunocompetent apolipoprotein-E (apoE) deficient mice by administration of a second generation [E1-, E3-, polymerase-] adenovirus vector expressing human apoE", Human Molecular Genetics, 2002, Vol. 11, pp. 43-58
TMB		Shiver, J. et al. "Replication-incompetent adenoviral vaccine vector elicits effective anti-immunodeficiency-virus immunity", Nature, 2002, Vol. 415, pp. 331-335
TMB		Fitzgerald, J. et al. "A Simian Replication-Defective Adenoviral Recombinant Vaccine to HIV-1 Gag", The Journal of Immunology, 2003, Vol. 170, pp. 1416-1422
TMB		Patterson, L. et al. "Potent, Persistent Cellular Immune Responses Elicited by Sequential Immunization of Rhesus Macaques with Ad5 Host Range Mutant Recombinants Encoding SIV Rev and SIV Nef", DNA and Cell Biology, 2002, Vol. 21, pp. 627-635
TMB		Walker, B. et al. "HIV-1 Reverse Transcriptase Is a Target for Cytotoxic T Lymphocytes in Infected Individuals", Science, 1988, Vol. 240, pp. 64-66
TMB		Messmer, D. et al. "Human Immunodeficiency Virus Type 1 Nef Mediates Activation of STAT3 in Immature Dendritic Cells", AIDS Research and Human Retroviruses, 2002, Vol. 18, pp. 1043-1050
TMB		Hosmalin, A. et al. "An epitope in human immunodeficiency virus 1 reverse transcriptase recognized by both mouse and human cytotoxic T lymphocytes", Proc. Natl. Acad. Sci. USA, 1990, Vol. 87, pp. 2344-2348

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